

19990515.qrp v01\_n458.qrl.990515

Date: Sat, 15 May 1999 19:03:16 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1458

QRP-L Digest 1458

Topics covered in this issue include:

- 1) [40438] New member from EI  
by Tony Breathnach <ei5em@indigo.ie>
- 2) [40439] Re: RS Nibbler -- Not  
by "Jeffrey L. L. Greer" <wd4et@juno.com>
- 3) [40440] 1N3487=ECG506  
by "rohre" <rohre@arlut.utexas.edu>
- 4) [40441] 3N152=ECG220  
by "rohre" <rohre@arlut.utexas.edu>
- 5) [40442] Elecraft K2 shipping question  
by "Eric Swartz WA6HHQ, EleCraft" <erics@elecraft.com>
- 6) [40443] Re: K2 SSB option?  
by "Eric Swartz WA6HHQ, EleCraft" <erics@elecraft.com>
- 7) [40444] R/S 12v 3a Switched power supply(Long)  
by Gary L Surrency <gsurrency@juno.com>
- 8) [40445] Pegasus bashers .....  
by "Walter D. Amos" <waltk8cv@mpdr0.detroit.mi.ameritech.net>
- 9) [40446] Fw: Low Power Laptop  
by "Joe S" <joe@quadj.com>
- 10) [40447] [40414] Blue Racer  
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 11) [40448] Re: [40414] Blue Racer  
by david fouchey <dafouchey@home.com>
- 12) [40449] Re: [40414] Blue Racer  
by "Vincent Ferme" <vferme@sprint.ca>
- 13) [40450] Re: [40414] Blue Racer  
by Wayne Alexander <walexan@ipa.net>
- 14) [40451] Non-Slip Paddle Pads @ Walgreens!!!  
by KB90CE@aol.com
- 15) [40452] T2FD broadband HF dipole for sale (B&W)  
by Jim <w7ls@blarg.net>
- 16) [40453] KNiGHTSMiTe + TiCK working!! First QRPp contact...  
by sda <sda@bellsouth.net>
- 17) [40454] Re: Such is "Progress" ... :-(  
by Niels Jensen Kristjansson <nkristja@cadvision.com>
- 18) [40455] NorCal Zombies?  
by "John Zaruba Jr" <jzaruba@snip.net>
- 19) [40456] RE: 3N152 for Paul's NA5N regenerative receiver ?

- by "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 20) [40457] REPOST : QRP-L FOXHUNT RESULTS w/ WS4S score!  
by "Paul R. Valko" <prvalko@oakland.edu>
- 21) [40458] Re: FOX CORRECTION!!! It's ToTally cRazY!!!  
by "Paul R. Valko" <prvalko@oakland.edu>
- 22) [40459] FS: MFJ 9040 40m QRP Transciever  
by "Jerry McCollom W0MC" <w0mc@hotmail.com>
- 23) [40460] Re: REPOST : QRP-L FOXHUNT RESULTS w/ WS4S score!  
by Ron Stark <ku7y@dri.edu>
- 24) [40461] Sunday dogwood - canceled  
by Paul Erickson <paule@sfu.ca>
- 25) [40462] First SoCal CWPN  
by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
- 26) [40463] re:R/S switcher sipply  
by Gary L Surrency <gsurrency@juno.com>
- 27) [40464] Re: First SoCal CWPN  
by Ron Stark <ku7y@dri.edu>
- 28) [40465] re:R/S switcher sipply  
by Ron Stark <ku7y@dri.edu>
- 29) [40466] Re: Fw: Low Power Laptop  
by "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>
- 30) [40467] Amateur Radio Help section  
by "Ian C. Purdie" <purdic@integritynet.com.au>
- 31) [40468] WTD: Source for SMT inductors  
by Stanley Wilson <microres@crl.com>
- 32) [40469] April QRP Quarterly Arrives in NNJ!  
by "Brian J Keegan" <brimail@home.com>
- 33) [40470] Good stuff at Dayton QRP Central  
by PDouglas12@aol.com
- 34) [40471] RE: Fw: Low Power Laptop  
by "Barbara Spencer" <barb@quadj.com>
- 35) [40472] 80m Vertical?  
by "Steve/n0tu" <n0tu@webaccess.net>
- 36) [40473] Re: RS Nibbler -- Not  
by mikemo@ibm.net
- 37) [40474] Re: Pegasus bashers .....  
by mikemo@ibm.net
- 38) [40475] Microprocessors imbedded in radios  
by "wayne reed" <wlreed@viaduct.custom.net>
- 39) [40476] Re: HamCom Schedule  
by Chuck Adams <adams@ticnet.com>
- 40) [40477] General  
by fred.devries@mindspring.com
- 41) [40478] Re: General  
by "Gary Ingram" <kb7fci@cdsnet.net>
- 42) [40479] Re: General  
by Tom Palmer <n1tp@worldnet.att.net>
- 43) [40480] FS

by Jack Parker <Pparker@mail.greatbasin.net>

44) [40481] Re: HamCom Schedule  
by "Joe S" <joe@quadj.com>

45) [40482] Re: General  
by david fouchey <dafouchey@home.com>

46) [40483] Picnic Table DX  
by pierce@rice.edu (George F. Pierce)

47) [40484] RE: Microprocessors imbedded in radios  
by Goran Hosinsky <hosinsky@royac.iac.es>

48) [40485] NQ2RP/B moved  
by "W. K. Hibbert" <wb2vuo@juno.com>

49) [40486] 2N2/40 IF amp  
by "Steven Weber" <kd1jv@moose.ncia.net>

50) [40487] Re: Pegasus bashers .....  
by "Steven Weber" <kd1jv@moose.ncia.net>

51) [40488] Re: 80m Vertical?  
by Thomas Kuehl <ac7a@uswest.net>

52) [40489] LM386 mods  
by Bob Liesenfeld <wb0poq@visi.com>

53) [40490] Re: April QRP Quarterly Arrives in NNJ!  
by Ray Colbert <af852@rgfn.epcc.edu>

54) [40491] Re: LM386 mods  
by "Gary Ingram" <kb7fci@cdsnet.net>

55) [40492] ka5qyr  
by ac5ez@webtv.net (Larry B)

56) [40493] RIT  
by "Charles Hamel" <cdhamel@pdq.net>

57) [40494] Dx path projection  
by ac5ez@webtv.net (Larry B)

58) [40495] Re: 2N2/40 IF amp  
by Gary L Surrency <gsurrency@juno.com>

59) [40496] Re: April QRP Quarterly Arrives in Meecheeegun!  
by "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>

60) [40497] Re: SST-40 R5 tuning range mod  
by Larry Cahoon <wd3p@juno.com>

61) [40498] 40-9'er questions  
by "Greg Heath" <KB2QQM@email.msn.com>

62) [40499] Re: LED night light?  
by w4bws@juno.com

63) [40500] Re: Such is "Progress" ... :-(  
by w4bws@juno.com

64) [40501] Re: Pegasus bashers .....  
by w4bws@juno.com

65) [40502] Re: Such is "Progress" ... :-(  
by Peter Larsen <larsenp@cadvision.com>

66) [40503] Re: Such is "Progress" ... :-(  
by "Richard Brummer" <obvious@bestweb.net>

-----  
Date: Sat, 15 May 1999 00:34:53 +0100  
From: Tony Breathnach <ei5em@indigo.ie>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [40438] New member from EI  
Message-ID: <373CB31C.909CC81@indigo.ie>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi folks,  
As a new member from EI, I'd just like to say hello to the group. My  
CW/QRP page might be of interest.

<http://indigo.ie/~ei5em>

73 de EI5EM...Tony

-----  
Date: Fri, 14 May 1999 19:48:38 EDT  
From: "Jeffrey L. L. Greer" <wd4et@juno.com>  
To: dmaliniak@penton.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [40439] Re: RS Nibbler -- Not  
Message-ID: <19990514.194841.3870.0.wd4et@juno.com>

The Radio Shack nibbler is not the one they used to sell. The new model  
is a much lighter duty unit. It takes a 5/16 x 1/8" cut.

Sears sells one that appears to be equivalent to the older RS model. It  
takes a 7/16 x 3/8" cut and should do the trick. Sears here in  
Jacksonville does not stock this tool. It must be ordered. Price is  
\$18.99.

I tried the local Lowes. They do not sell a nibbler. I will try Home  
Depot and Wal-Mart tomorrow.

I did purchase a new miter box and some 32 teeth/in. hack saw blades.  
That is doing the job. It is a little more work than the nibbler would  
be, but it works and is readily available. Miter box - \$4.95, blades - 3  
for \$2.95.

Time to practice the Manhattan technique.

73, Jeff WD4ET in Jacksonville, FL

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: 14 May 1999 19:09:12 -0500  
From: "rohre" <rohre@arlut.utexas.edu>  
To: qrp-l@lehigh.edu  
Subject: [40440] 1N3487=ECG506  
Message-ID: <n1285413533.75574@msmailgw1.arlut.utexas.edu>

Here are the specs: Si Rect., Hi current, fast sw, Pk Rev 1400 volts,  
2A avg I, 1 vf at 1A, 500 nsec reverse recovery time.

Hope that helps, a pretty beefy part you have!  
Stuart K5KVH

-----  
Date: 14 May 1999 19:14:52 -0500  
From: "rohre" <rohre@arlut.utexas.edu>  
To: qrp-l@lehigh.edu  
Subject: [40441] 3N152=ECG220  
Message-ID: <n1285413173.96027@msmailgw1.arlut.utexas.edu>

And this one is an N-channel MOSFET, rated for VHF with 5 dB noise figure at  
200 MHz. It is 7,500 micromhos, Vgs off is 8 volts, Idss is 5 to 25 ma, Vgs  
breakdown is 20 volts. Cin is 7 pf, and Crss is 0.35 pf.  
Finally power dissipation, Pd is 330 mw.

The specs for this and the diode were from the Philips ECG 1999 Master  
Replacement Guide. Often available from Radio and TV parts houses,  
(distributors) in the larger cities for no charge if you go in and ask for  
them, especially at the end of the year, as they change over to the new  
editions. Don't be scared, of the \$9.95 price on the cover! I have never  
paid for one. Of course, I go in these wholesale houses and buy a few parts  
from time to time, or tools, etc. There is lots of give away literature, like  
this, and you don't have to wait for a web page to load to use it! :-)

Stuart K5KVH

-----  
Date: Thu, 13 May 1999 11:27:16 -0700

From: "Eric Swartz WA6HHQ, EleCraft" <erics@elecraft.com>  
To: sda@bellsouth.net  
Cc: qrp-1@lehigh.edu  
Subject: [40442] Elecraft K2 shipping question  
Message-ID: <373B1984.CC@elecraft.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Todd,

If you wish we can certainly ship via Fed Ex. Just email us the request (to radios@elecraft.com) and we'll add the charge.

Just a note: We had Zero problems using Priority Mail with our first 100 K2's. Typical delivery times were 2-3 days. Anything longer than that was due to delays at our end.

73, Eric

-----  
From: sda <sda@bellsouth.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: Elecraft K2 shipping question  
Date: Thursday, May 13, 1999 5:14 AM

Folks:

I should probably ask this in private email to Elecraft, but I figured I would ask it here, as I am thinking others may have similar desires/concerns.

I am on the back order list to receive a K2, and know they are due to be shipping soon. It's been a tough wait! Question is: is it possible to step up the shipping method to Fed-Ex next day air?

72,  
Todd Atkins, K4MSW

-----  
Date: Fri, 14 May 1999 17:31:49 -0700  
From: "Eric Swartz WA6HHQ, EleCraft" <erics@elecraft.com>  
To: Arjen.Raateland@vyh.fi  
Cc: qrp-1@lehigh.edu  
Subject: [40443] Re: K2 SSB option?

Message-ID: <373CC074.3880@elecraft.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Arjen,

Sorry for the delayed reply. We were swamped gettingn K2's ready to ship and getting ready for Dayton.

We are shooting for shipping the SSB option by the end of June. (I'm really trying to get it our before Field Day, but I can't make any guarantees.) We delayed it slightly in order to get the main K2 production run going.

I'll keep an update on its status on our web page in the future.

73 from Dayton.

Eric  
<http://www.elecraft.com>

You Wrote:

Has there been any information forthcoming from the Elecraft booth at FDIW about WHEN the SSB option for the K2 might become available? I suppose attendees must have asked this question and I hope someone would share the answer with other list readers. (I have not been able to get information on the availability from Elecraft directly.)

73,

--

Arjen Raateland  
OH2ZAZ

-----  
Date: Fri, 14 May 1999 17:57:16 -0700  
From: Gary L Surrency <gsurrency@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [40444] R/S 12v 3a Switched power supply(Long)  
Message-ID: <19990514.175717.-4095247.0.gsurrency@juno.com>  
MIME-Version: 1.0

Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Gang,

Well, I had held off getting one of these (R/S pn. 22-503, on sale for \$39.95) until now, but I'm going to take a little trip soon to FL and I wanted something small and lightweight to power the NC20, NC40A, or whatever I decide to bring along to operate with my ZM-2 tuner (still to be built).

So I got the last one that the local Shack store had on display and carried it home to see if it was any good. It initially had an un-loaded output voltage of 13.85 volts before I decided to mod it as was discussed here on the list recently. I prefer a supply voltage nearer to 14.0 v for my gear, so I began the search for a SMT resistor of 47-62 ohms to replace R1 on the bottom of the PCB.

In my stack of old, dead computer power supplies in the garage, I found the video board from the back of an old computer monitor that had a lot of SMT resistors on it. I also have the main PCB for this same monitor in the closet of my shack, from which I have scarfed many components such as RFC's, some nifty connectors, and a NE5532 and LM393 IC. But it does not have any low-value SMT resistors, just mostly R values above 1k or so. So if you want to find a SMT resistor to modify your R/S switcher, check some old video monitors, especially the video board on the CRT.

The video board has a bunch of 47, 75, and 100 ohm resistors, but only one 56 ohm part that was a good candidate for R1 of the R/S switcher.

I found the 56 ohm SMT part on the rear of the video PCB, and first applied a healthy dose of flux to some Soder Wick braid, and then cleaned as much solder off of it as possible. Two soldering irons are the best way to ease the SMT resistor off of the PCB, but I noticed it was a little loose after merely cleaning away the solder on each side. There is a little adhesive holding the resistor in place from the robotic assembly, but it gets soft when the resistor gets warm and will allow the part to slide off. I just used a slight sideways pressure on the resistor at one end, and then quickly applied the iron to the other end to release it from the PCB pads. No damage was done, in case I want to replace it or use it again.

The same method was used to remove the original 39 ohm R1 from the power supply, after first getting some practice by taking the 56 ohm SMT resistor from the video PCB. I put it in a small zipper sealed bag to save it before it could get lost. ;-)



After cleaning the empty pads on the power supply PCB with desoldering braid again, I placed the salvaged 56 ohm SMT resistor in place with some tweezers and a little downward pressure. The flux residue from the desoldering operation helps to hold the tiny R in place until one end can be soldered, but I still kept a slight amount of downward force on it until I could heat one end of the SMT resistor. This helps to prevent "totem-poleing", or the lifting of one end of the SMT part by capillary action when the solder is molten, and also from solder joint shrinkage as the solder cools. Just don't push very hard so the SMT part is not cracked. Those of you who have built the Smite or NJ Fireball have had some experience at this, no doubt.

After cleaning the PCB with a little ethanol and a cotton swab, I turned on the power to see what the new output voltage was. It is 14.10 no load, falling to 14.08 under the RX load of the NC20. During transmit, the output fell to 13.98 volts. The ripple is below 1mv on my DMM. All of those voltages were measured at the power connector on the rear panel, while the NC20 was using the cigarette lighter socket and 3 feet of nice 16 gauge wire to the NC20's coaxial power jack that has been changed to a 5.5 / 2.5 mm unit. That's pretty darn good regulation, though not quite as good as my homebrew linear supply made with an (expensive, ~\$18) NTE934 13.8v 5A TO-3 regulator.

But the RS unit hardly gets warm at all, and is \*much\* lighter than the HB supply that has a heavy 25.2 vct 2A R/S transformer and a center-tapped schottky rectifier salvaged from an old computer power supply. A 4700 uF 25v filter cap completes the HB supply for a total of 4 parts to make a 13.8v 2A QRP power supply for those of you that are interested. Of course, there is a R/S metal cabinet, banana jacks, and a line cord plus slide switch and fuse to complete it. It's \*much\* heavier and bulkier compared to the R/S supply, but it serves well as a fixed station supply.

Back to the R/S switcher:

The little supply appears to have a 5A thermal-reset fuse on the output, and a 1 amp slow-blo AC line fuse. There is a nice differential-mode output filter to keep the switching hash out of the DC output and a similar EMI filter on the AC input. There are two 1000 uF electrolytics on the rectified DC output from the transformer's secondary, followed by a differentially-wound toroid inductor and a 220 uF 25v electrolytic as the final filter cap. I measured the switching frequency at 98.5 KHz on my Kenwood's receiver, but I couldn't hear it until I brought the antenna input right up near the heat sink on the TOP226Y regulator chip. So, it is pretty darn quiet, RFI - wise. There are, of course, harmonics of the 98.5 KHz switching well up into the RF spectrum - but they seem to be weak and well-suppressed.

I \*did\* twist together the AC leads that go from the back panel to the front-mounted power switch. And, I also twisted the DC output leads together that go from the front of the PCB and DC socket, to the rear speaker-type DC jack. Maybe a little less RFI comes out of it now, but I couldn't hear any before doing this.

I did download and print all of the info from the .pdf file from Power Integrations, Inc. that someone posted here on QRP-L recently. It's 20 pages of interesting info on how simple this little switching supply IC is, and is very close to the actual circuit of the R/S unit. I called 1-800-THE-SHACK to inquire about the Service Manual for this unit, but no info was immediately available (yet), and I'm still waiting for someone to call me back to see if there will be a Service Manual on this 22-503 unit soon. I've had good luck getting this literature from R/S in the past, so maybe they just haven't caught up yet to this relatively new product.

In summary, the modification to boost the output voltage a little was a success. K2 owners seem to need the extra voltage, and the mod is pretty easy to do if you have good eyes or a magnifier light to see the PCB and SMT's better. I'm nearsighted, so I just take off my glasses when working up close with small parts.

I like the little supply very much, as it comes with a nice padded carrying case and weighs just 0.89 lbs (0.4kg). It will take 90-240 VAC input at 50-60 Hz too. The cigarette lighter type DC jack on the side fits tight, and there is the speaker-style spring loaded DC connector on the rear. It appears to be well-designed, and a virtual copy of the sample schematic from the data sheet from Power Integrations, Inc. It's a good little supply for a typical QRP rig, or the K2 after increasing the output voltage as described. This mod no doubt voids the warranty, and there are \*lethal\* voltages present inside the unit, so be fore-warned.

The file name of the .pdf is top221-227vc, and is 176k. You can get it from:

<http://www.ssminc.com/powerint.htm>

Use the following URL to get to the datasheet page:

<http://www.powerint.com/datasheets.htm>

For further understanding of the design, look at the following:

A nice description of a similar circuit is from Electronic Design at:

<http://devel.penton.com/ed/Pages/magpages/oct0198/ti/1001ti3.htm>

More technical info from one of the design engineers is at:

<http://www.pcim.com/articles/1997/art0025/art1.html>

72, and thanks for reading. (I don't know how much longer the sale lasts at \$39.95)

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

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or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Sat, 15 May 1999 01:03:33 +0100  
From: "Walter D. Amos" <waltk8cv@mpdr0.detroit.mi.ameritech.net>  
To: Qrp-l Posts <qrp-l@lehigh.edu>  
Subject: [40445] Pegasus bashers .....  
Message-ID: <373CB9D5.45997BF0@mailhost.det.ameritech.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Folks .....

I, for one, would be willing to give it a try! Can they put MORE radio in the box for less money this way? I sure hope so. The price sounds reasonable. I happen to have a laptop that would run it on vacation and that just might be INTERESTING. If it said "yaecomwood" on it would it be more acceptable? Probably. Higher resale? Probably. Will it have knob? Probably. Lets all wait for the review in QSTREET, yes, that's what we all ought to do!

Walt K8CV

-----  
Date: Fri, 14 May 1999 20:49:52 -0500

From: "Joe S" <joe@quadj.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [40446] Fw: Low Power Laptop  
Message-ID: <004f01be9e75\$3a44c420\$56d132ce@joes>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

My wife asked me to forward this to the list.

72 Joe KK5NA

-----Original Message-----

From: Barbara Spencer <bspencer@tcjc.cc.tx.us>  
To: kk5na@quadj.com <kk5na@quadj.com>  
Date: Friday, May 14, 1999 7:05 PM  
Subject: Low Power Laptop

>I have found THE power source for my laptop for HamCom99 or any other time.  
>  
>Its called Power 2 Go. I bought it at Frys for \$39.95, a lot better  
than  
>Dell for \$95 plus it does more.  
>  
>I ran the laptop with a continuous loop PowerPoint presentation for over 18  
>hours. The laptop battery is at the same level it started and the truck  
>battery (sitting on my computer desk) is down only 0.3 volts.  
>  
>The really neat thing about Power 2 Go is that it is an AC to DC inverter  
>that plugs in to a cigarette lighter and has a 3 prong jack (can plug any  
>AC appliance into it) and on/off switch.  
>  
>  
>Made by LINKSYS it provides 115 volts at 140 watts, surges up to 400 watts  
>for power up.  
>  
>Barbara Spencer, KK5QA  
>Arlington, Texas  
>  
>

-----  
Date: Fri, 14 May 1999 22:11:31 -0400  
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>  
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>

Subject: [40447] [40414] Blue Racer  
Message-ID: <373CD7D3.478E9C2E@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I'm sure the Blue racer is a wonder key but unless you post and address or website, "Mitch" isn't going to get very much of our business now is he???

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

-----

Date: Fri, 14 May 1999 22:15:19 -0400  
From: david fouchey <dafouchey@home.com>  
To: tjarey@home.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [40448] Re: [40414] Blue Racer  
Message-ID: <373CD8B7.381793C4@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Would that be Mitch from Vibroplex by any chance? If so their Web site address is..

<http://www.vibroplex.com/index.htm>

However there is no mention of the "Blue Racer" on their site...yet.

Dave  
WA4EMR

"T.J. \"SKIP\" Arey N2EI" wrote:

>

> I'm sure the Blue racer is a wonder key but unless you post and address

> or website, "Mitch" isn't going to get very much of our business now is  
> he???

>

> --

> ++++++

>

> T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

>

> Website http://members.home.net/tjarey

>

> Snail Mail: PO Box 236, Beverly, NJ 08010

>

> Specialization is for insects! LAZARUS LONG

-----

Date: Fri, 14 May 1999 22:20:23 -0400

From: "Vincent Ferme" <vferme@sprint.ca>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [40449] Re: [40414] Blue Racer

Message-ID: <003601be9e79\$7e13a280\$723267d1@vince>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

I think Mitch is W40A, the president of Vibroplex. If this is the case,  
point your browser to [www.vibroplex.com](http://www.vibroplex.com) , there are a few new models posted.

73 de Vince, VE3VFN.

----- Original Message -----

From: T.J. "SKIP" Arey N2EI <tjarey@home.com>

> I'm sure the Blue racer is a wonder key but unless you post and address

> or website, "Mitch" isn't going to get very much of our business now is

> he???

-----

Date: Fri, 14 May 1999 21:36:34 -0500

From: Wayne Alexander <walexan@ipa.net>

To: qrp-1@Lehigh.EDU

Subject: [40450] Re: [40414] Blue Racer

Message-ID: <4.1.19990514213316.00948ec0@popd.ipa.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable  
Content-Transfer-Encoding: quoted-printable

The NEW Blue Racer is out. They had five at Dayton. A friend of mine is there and Bought me two of them today and there was only 2 there after he got mine. Can not wait till I can see mine. Does anyone have a picture they could send me of this BUG? Thanks

73,

N=D8EA

Wayne

Willard,MO

FISTS # 4907

QRP-L # 1058

Web Page <http://www.qsl.net/n0ea>

-----  
Date: Fri, 14 May 1999 23:00:00 EDT

From: KB90CE@aol.com

To: qrp-l@lehigh.edu (Low Power Amateur Radio Discussion), cw@qth.net, fox-list@majordomo.netcom.com, W9NNK@niiia.net (Dave Caywood),

kb9olz@megsinet.net (Gary), kb9rvw@netnitco.net, breid@adsnet.com (KA90NS BILL), wa9tsq@hotmail.com (BERNIE), PWMidi@juno.com, kbabich@nicinc.net,

Subject: [40451] Non-Slip Paddle Pads @ Walgreens!!!

Message-ID: <2f7494b.246e3d30@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

I was in Walgreens tonight and found the neatest pads for lightweight rigs, paddles, or keys. It was in the aisle that they have all the picnic supplies (seasonal?). They are 4" circles, about 3/32" thick and kind of a lattice weave look. Some type of rubber and they come in blue or green. Item # 836310, Non-Slip Coaster 19 cents each, or 6 for a buck! They appear to be the answer to my dreams...if they aren't yours, give 'em to the XYL...she'll love 'em as coasters!

73

Mike

-----  
Date: Fri, 14 May 1999 20:41:54 -0700

From: Jim <w7ls@blarg.net>

To: qrp-l@lehigh.edu

Subject: [40452] T2FD broadband HF dipole for sale (B&W)

Message-ID: <373CED01.E63298E0@blarg.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi. For sale: B&W broadband HF antenna. It is model BWD-1.8-30. That means it is a Barker and Williamson Dipole that covers all HF bands, including the stuff in between bands, from 160 meters to 10 meters. It's 90 feet long, with the two wires spaced 18 inches apart. Rated for a kilowatt. SWR specs are less than 1.4:1 over the entire HF band.

Doesn't need a tuner to operate anywhere in the entire HF band. Just dial in the frequency and yak. HRO, etc sells this for \$179.95. I'll go \$100 plus UPS. It is all set to go, with all the wires in place. It will be wound up on a bigish PVC tube, so to use it, just unreel it and hang it up. 73 de Jim, W7LS

-----  
Date: Fri, 14 May 1999 22:47:01 -0500  
From: sda <sda@bellsouth.net>  
To: qrp-1@Lehigh.EDU  
Subject: [40453] KNiGHTSMiTe + TiCK working!! First QRPP contact...  
Message-ID: <199905150346.XAA22958@mail2.lig.bellsouth.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Thanks to all who emailed me with suggestions for tying together the KNiGHTSMiTe and the SMT TiCK. I ended up using a 78L05 +5V regulator and two 1uf tantalum caps, and it works FB. Called CQ for about 10 minutes tonight, and Rich, WA5NYG in New Orleans (85 miles away) came back with a 449 for me. I gave him a 579. He was sorta shocked when I sent: "rig hr is knightsmite pwr is one half watt". I am getting 1/2 watt out with my 12V gel cell hooked up, rather than a 9v battery. He came back: "fb on knightsmite and half watt hi hi i was wondering why you were so weak", and he then "73'd" me. Hehe.

I was amazed again by QRP. This tiny little board in this tiny little box. This will be my emergency rig. Will probably keep it in my car in case I get stranded or a nuclear bomb goes off or something.

pure joy,

Todd Atkins, K4MSW



Baton Rouge, Louisiana  
<http://www.qsl.net/k4msw>

-----  
Date: Fri, 14 May 1999 22:00:52 -0600  
From: Niels Jensen Kristjansson <nkristja@cadvision.com>  
To: qrp-1@Lehigh.EDU  
Subject: [40454] Re: Such is "Progress" ... :-(  
Message-ID: <1.5.4.16.19990514213739.1a3f5eb6@cadvision.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable  
Content-Transfer-Encoding: quoted-printable

Hi gang,

In my very biased opinion a RADIO is not a RADIO unless it has one mother of a BIG knob in it=B4s faceplate. This is the reason I do not call HT= (Handheld Transceivers) Radios. Is this perhaps why the all PC based Kachina sells a tuning knob as an option?

72 de Niels  
VE6NJK/TF3NJ  
Calgary, AB

At 15:28 14/05/99 -0600, you wrote:

>Well, folks, if this is the way that radio equipment is going, I'm glad I  
>can build my own little rigs that have REAL knobs. When I can't do that  
>anymore, guess I'll either take up golf or die...  
>  
>

-----  
Date: Sat, 15 May 1999 00:02:39 -0400  
From: "John Zaruba Jr" <jzaruba@snip.net>  
To: <qrp-1@lehigh.edu>  
Subject: [40455] NorCal Zombies?

Message-ID: <003601be9e87\$c6a18400\$3f56ccd1@win95>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Hello Gangue,

As a relatively late returnee to the list, could someone explain the Zombie thing to me?

Words of one syllable or less if possible...<grin>

72/3 de John AA2BN

-----  
Date: Sat, 15 May 1999 00:47:29 -0400

From: "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>

To: <qrp-L@LeHigh.EDU>

Subject: [40456] RE: 3N152 for Paul's NA5N regenerative receiver ?

Message-ID: <001f01be9e8e\$0ad61720\$04000a0a@inforhc>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

The 3N152 is, according to a posting on the list provided by one of our nice friends, a MOSFET.. good for VHF... My question to the electronic circuit experts is ... do you think that Paul's regenerative may be built using the 3N152 in the regenerative stage ?

Arnie Coro C02KK

e-mail:inforhc@mail.infocom.etecsa.cu

Postal address:

Prof. Arnaldo Coro Antich

La Torre no.127 entre 35 y 37

Nuevo Vedado, Plaza

Ciudad Habana , 10600

CUBA

-----  
Date: Sat, 15 May 1999 01:04:55 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: QRP List <qrp-l@lehigh.edu>  
Subject: [40457] REPOST : QRP-L FOXHUNT RESULTS w/ WS4S score!  
Message-ID: <Pine.OSF.3.95.990515010059.24405B-1000000@saturn2.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Incredibly, FOX WS4S' score was left off the previous post and the website's PDF file. All corrected now.

Please click on <<http://www.oakland.edu/~prvalko>> to get the web-version of this information. It's MUCH nicer. Make sure your browser is using small fonts, 800x600 resolution looks much nicer. There is a link to get the Adobe Acrobat reader, if you do not have one already.

Don't ever try to do this stuff and go to Dayton at the same time!

;-)

Best 73! - From Dayton and the Daze Inn!  
=paul= W8KC Collector of Ten\*Tecs and other fine plastics

This link should take you there...  
<<http://www.acs.oakland.edu/~prvalko/foxhunt.htm>>

First, the Foxii:

Fox	Score
KU7Y	189
N1FN	188
N0UR	180
K1MG	168
K5ZTY	164
AB5UA	145
WQ8RP	143
WA8GHZ	136
VE7CQK	134
K0EVZ	124
AB0GO	118
K8CV	117
WS4S	117
N2SMH	115

W8RU	110
N7CQR	105
W5TFB	84
N2TO	80
KB9BVN	46
W8RO	41
KV2X	39
K5FO	34

Now the hounds...

HOUND	SCORE
NQ7X	39
N1TP	38
N0AR	36
KU7Y	35
VE5RC	35
N1FN	34
K0EVZ	33
K5ZTY	33
N4ROA	33
AK7Y	32
K1MG	32
KK5LD	32
K2VCO	31
N5TW	30
W5SB	28
WE6W	28
KI0II	27
KQ5U	27
K8CV	26
W5HNS	26
AA5TA	25
AF5Z	25
AI4CW	25
W0CH	25
AB5UA	24
K5LN	24
KI7MN	24
VE3JC	24
VE6EWM	24
K5OI	23
VE2KN	23
AB7CE	22
WS8D	22
AB5WX	21
K10J	21
K5JHP	21

K7TQ	21
N0UR	21
AB7MY	20
N5LU	20
KS4L	19
N5JI	19
W8SFF	19
WD8KQY	19
WS4S	19
AB0GO	18
AB8DF	18
KC1FB	18
KF4KSM	18
W0RSP	18
W4VCT	18
KB0PTE	17
KG2LO	17
N3YSI	17
WJ7H	17
K1QM	16
K5ON	16
K5UP	16
KA4BMK	16
N9DD	16
W2XN	16
AC5II	15
AE2T	15
KK5WL	15
N2ZHY	15
N8VAR	15
W5TB	15
WA9PWP	15
KA5T	14
W5JAY	14
KF2PH	13
N6WG	13
NA1XX	12
VE7CQK	12
W0RW	12
W5YR	12
K2SJB	11
KB9IUA	11
N0EA	11
WW7Y	11
AB7TT	10
KA8OKH	10
N7MFB	10
VE3ELA	10

W2UX	10
W9UQB	10
K4IMA	9
K6VNX	9
N0RN	9
N2LO	9
N2TO	9
N5JKY	9
N5WL	9
W5TFB	9
AB0CD	8
AK1P	8
KB7WW	8
KD5CMN	8
KF4AR	8
NU4N	8
VE6NJK	8
W6SIY	8
W8RU	8
K8DD	7
KC5T	7
KQ0I	7
KU4AF	7
N2WF	7
N4XDW	7
N6VZ	7
N8IE	7
WA8RXI	7
WB8RCR	7
W00Q	7
AJ4Y	6
K1CL	6
K4JPN	6
KB7MBI	6
N0TU	6
N7GS	6
NA3V	6
VE3FAL	6
W5FN	6
W7AQK	6
W8KC	6
WA8GHZ	6
WB9HFK	6
K0YO	5
K4BYF	5
K5AAR	5
KK7GG	5
N4KZ	5

N7CQR	5
N7XJW	5
N8VZU	5
NF0R	5
VE3SP	5
W2PFS	5
WA5WHN	5
WB9LKC	5
AA0ZZ	4
AE4IC	4
K5GQ/M	4
K5UBS	4
K8ZN	4
KB0YTK	4
KD7AEE	4
KG4ADU	4
KI0AF	4
KI0G	4
KI0KY	4
KL7IXI	4
N2SMH	4
N7XJ	4
N9KW	4
NM5M	4
NZ4E	4
W0JOE	4
W1GL	4
W2IV	4
W2SCF	4
W5TA	4
WB5QYT	4
WJ1R	4
WN6HYX	4
WW5XX	4
AE4Y	3
AL0A	3
K5NZ	3
K5PSH	3
K8IQY	3
KA1AXY	3
KA3WMJ	3
KB0ROL	3
KE6ZX	3
KF6CTA	3
KG7PV	3
N1QQV	3
N2CQ	3
N4JS	3

NC7X	3
NK6A	3
W3PNL	3
W5USJ	3
W5XE	3
W8RO	3
WD4DSX	3
WZ2T	3
AA6R	2
AA9L	2
AC6AN	2
K2REB	2
K2VT	2
K4AVX	2
K5ID	2
K5JSP	2
K6LS	2
K7GT	2
KA1DDB	2
KA4BM	2
KB2VMO	2
KB9IOT/M	2
KC0EGC	2
KD2KW	2
KD6VIO	2
KF4KS	2
KG0PP	2
KJ3V	2
KK6MC	2
KK6MC/5	2
KS4HQ	2
N0TU/M	2
N1ODL	2
N2BRT	2
N2CX	2
N2VPK	2
N3XRV	2
N4UY	2
N5ON	2
N6MM	2
N6XU	2
NW7DX	2
NY3M	2
VE6EW	2
W0AV	2
W0AW	2
W0HEP	2
W0PFR	2



W4DEC	2
W4IM	2
W4PJ	2
W7UQ	2
WA6NAE	2
WA9WFA	2
WF4I	2
WQ8RP	2
AA1MY	1
AA2PF	1
AA5TX	1
AB5PC	1
AB7DU	1
AB7QK	1
AB7ST	1
AB7VI	1
AC4HF	1
AC5K	1
AE3OU	1
AE4CW	1
AE4VQ	1
AI4Y	1
AK7Q	1
AL7FS	1
CG5VA	1
K0EA	1
K0EU	1
K0HH	1
K0JI	1
K10G	1
K1TMW	1
K1XS	1
K2EL	1
K20DC	1
K2SF	1
K2VL	1
K2VS	1
K3AS	1
K3B0B	1
K4PYM	1
K4ZM	1
K50I/M	1
K5EYE	1
K5FO	1
K5GTY	1
K5LD	1
K5NZ/XA5	1
K50I/M	1

K50T	1
K5RN	1
K5UX	1
K5VBS	1
K5VUU	1
K6DW	1
K6DXU	1
K7MPH	1
K8NWD	1
KA1AKC	1
KA2RQY	1
KA3K	1
KA3WM	1
KA4JMZ	1
KA5BMK	1
KA5OVS	1
KB0YT	1
KB2LO	1
KB2PQY	1
KB5W	1
KB8WMW	1
KB9II	1
KC0CDH	1
KC0EHH	1
KC5LD	1
KD5AIJ	1
KD5CM	1
KD5KMN	1
KE4BMK	1
KE6DKH	1
KF4KHM	1
KF4KM	1
KG0MZ	1
KJ5X	1
KJ7LO	1
KK3T	1
KK4LN	1
KK5LED	1
KK5NA	1
KM6SE	1
KN5G	1
KS4S	1
KS4V	1
KT4PM	1
KU4UX	1
N0DSP	1
N0OCT	1
N1GJU	1

N1HCL	1
N1OCJ	1
N2APH	1
N2IX	1
N2JJ	1
N2LY	1
N3JK	1
N3KFL	1
N3WSI	1
N4EUK	1
N4VV	1
N5JUW	1
N5LB	1
N5WAI	1
N5WI	1
N6NU	1
N6WA	1
N7CTJ	1
N7KT	1
N7RR	1
N7VAR	1
N7VE	1
N8CQA	1
N8KW	1
N8RO	1
N9IEP	1
NC7J	1
NC7W	1
NR3Z	1
NS4L	1
NU4AN	1
NZ8J	1
VA3JFF	1
VE1CC	1
VE3FUL	1
VE3LOH	1
VE3VA	1
VE5DC	1
VE5RK	1
VE5VA	1
VE6BIR/7	1
VE6XT	1
VE7CQ	1
VE7DSN	1
W0CQC	1
W0KUC	1
W0YSE	1
W1EAT	1

W2BJ	1
W2RG	1
W2SZR	1
W3KC	1
W3NPL	1
W3NR	1
W4JPK	1
W4SB	1
W4VC	1
W4VCA	1
W5SB/XA5	1
W5TBT	1
W5TD	1
W5UP	1
W6ARK	1
W6RA	1
W7SSM	1
W9ME	1
W9MT	1
WA1LIR	1
WA1SCH	1
WA6GER	1
WA6OT	1
WA8GHD	1
WA8GHZ/5	1
WA8MCQ	1
WA8MNE	1
WA8ZB	1
WA9PW	1
WA9QCF	1
WB5QTY	1
WB6MFS	1
WB8E	1
WB8JMB/8	1
WB9LK	1
WD4MS	1
WD8KQ	1
WE6WE	1
WJ2V	1
WN6HY	1
WQ3E	1
WV3J	1
WV3J	1
XE2FU	1

See you all in October!!!

73! =paul= W8KC

Collector of Ten\*Tecs and other fine plastics

-----  
Date: Sat, 15 May 1999 01:09:04 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: Shepherd@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [40458] Re: FOX CORRECTION!!! It's ToTally cRazY!!!  
Message-ID: <Pine.OSF.3.95.990515010644.24405C-100000@saturn2.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 14 May 1999 Shepherd@aol.com wrote:

> In a message dated 5/14/99 7:33:03 AM Eastern Daylight Time, walexan@ipa.net  
> writes:  
>  
> << They have me in there twice. KB0PTE and N0EA.  
> Makes my score look better if they had it in there once.  
> Guess that is what happens when you make Extra and change your call with  
> the Vanity Program.  
> >>  
> That got me too, once as N8IE and N8VZU.

If Chuck lets me to do this next year, I'll try to take the call changes  
into account! Sorry about that.

73! =paul= W8KC  
Collector of Ten\*Tecs and other fine plastics  
<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Fri, 14 May 1999 23:20:07 MDT  
From: "Jerry McCollom W0MC" <w0mc@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [40459] FS: MFJ 9040 40m QRP Transciever

Message-ID: <19990515052007.39630.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-type: text/plain; format=flowed;

(A couple more items to clear out before the ol' K2 gets here!)

FS: MFJ 9040 40m QRP Transciever  
+ MFJ 412 Iambic Keyer  
+ MFJ 726 CW Filter

You can check out the full details at:

< <http://www.mfjenterprises.com/transceivers/mfj9040.html> >

Its clean and in fine shape, I just notice a bit of wear on the "O" of the Off label. A great little radio that covers all of the 40m CW band.

\$175 Shipped

de Jerry W0MC            QTH Fort Collins, CO  
w0mc@hotmail.com       QRP-L #800

-----  
Get Free Email and Do More On The Web. Visit <http://www.msn.com>

-----  
Date: Fri, 14 May 1999 22:32:27 -0700 (PDT)  
From: Ron Stark <ku7y@dri.edu>  
To: "Paul R. Valko" <prvalko@oakland.edu>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [40460] Re: REPOST : QRP-L FOXHUNT RESULTS w/ WS4S score!  
Message-ID: <Pine.SOL.3.96.990514223110.476A-100000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Paul and all,

It is all of us, the hounds and fox's that owe you a  
great big THANKS for all your work.

Enjoy Dayton, you have earned it!

73, Ron,            SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....

....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----

Date: Fri, 14 May 1999 23:16:46 -0700 (PDT)  
From: Paul Erickson <paule@sfu.ca>  
To: qrp-l@lehigh.edu (qrp), qrp-canada@lists.gpfn.sk.ca (qrp-canada)  
Subject: [40461] Sunday dogwood - canceled  
Message-ID: <199905150616.XAA15731@fraser.sfu.ca>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

My apologies to everyone, but due to work responsibilities,  
I am going to have to cancel my scheduled fore this sunday.

I will try to arrange another session before the end of the  
month.

cheers, Paul VE7CQK/email: paule@sfu.ca

-----

Date: Fri, 14 May 1999 23:28:02 -0700  
From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>  
To: qrp-l@lehigh.edu  
Subject: [40462] First SoCal CWP  
Message-ID: <19990514232802.A28516@dolphin.openprojects.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Well, I wrote to Mary, WN6HYX, to arrange a sked this Saturday. And you  
know what? I'm just going to say, forget it; let's have the first SoCal CW  
Practice Net instead, especially since Mary expressed interest thereto.

People on the net can then discuss the best frequencies to use, what days  
they'd like to see the SoCal CWP, etc. My initial ideas are as follows:

WHO: KC5TJA/6 as Net Control Station  
WHAT: SoCal CWP  
WHEN: Sunday 0430Z (note: Saturday 8:30PM pacific time!)  
Monday 0430Z (note: Sunday 8:30PM pacific time!)  
WHERE: 7125kHz, +/- 6kHz depending on band conditions and QRN/QRM  
WHY: Because it's in the novice portion of the band, and where \*I\* live,  
7125kHz has traditionally been fairly quiet place to be. Your

milage may vary, however, and I'd like your input to your observations about which frequency is best for you.

HOW: Any rig you can. I'm using an unmodified SW-40+ into a severely bent, indoor antenna, so my signal may or may not be very strong. Though this may seem like sacrilage, QRP operation is not required, though it is recommended for courtesy's sake.

People who expressed interest thus far:

KC5TJA/6 Samuel A. Falvo II  
W7HLO Dale C. Scott  
WN6HYX Mary  
K3UFG Dan Miller  
AA8VS Chuck Mabbott  
KC5DXQ Charles Hamel  
W3/V31FA Alan Slusher

I'll be looking for you all! :-)

```
=====
      KC5TJA/6      |      -| TEAM DOLPHIN |-
      DM13          |      Samuel A. Falvo II
      QRP-L #1447   |      http://www.dolphin.openprojects.net
      Oceanside, CA |.....
```

-----  
Date: Fri, 14 May 1999 23:35:43 -0700  
From: Gary L Surrency <gsurrency@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [40463] re:R/S switcher sipply  
Message-ID: <19990514.233548.-4190471.1.gsurrency@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I wrote:

>This helps to prevent "totem-poleing", or the lifting of one end of the SMT part

I meant to say "tombstone-ing", as I believe that is the correct terminology for this behavior. ;-)

72,



Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Fri, 14 May 1999 23:42:23 -0700 (PDT)  
From: Ron Stark <ku7y@dri.edu>  
To: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [40464] Re: First SoCal CWPN  
Message-ID: <Pine.SOL.3.96.990514234123.806C-1000000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Sam,

Congratulations to you for grabbing the bull by the horns  
and getting something done!

I'll make it a point to listen for the group.

cul,

73, Ron,        SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Fri, 14 May 1999 23:43:56 -0700 (PDT)  
From: Ron Stark <ku7y@dri.edu>  
To: Gary L Surrency <gsurrency@juno.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [40465] re:R/S switcher siply  
Message-ID: <Pine.SOL.3.96.990514234249.806D-1000000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 14 May 1999, Gary L Surrency wrote:

>

> I wrote:  
>  
> >This helps to prevent "totem-poleing", or the lifting of one end of the  
> SMT part  
>  
> I meant to say "tombstone-ing", as I believe that is the correct  
> terminology for this behavior. ;-)  
>

Hmmmmm, when that happens to me I have a habit of calling it  
something else....

: -)

73, Ron,        SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----

Date: Sat, 15 May 1999 03:04:31 -0400  
From: "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>  
To: joe@quadj.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [40466] Re: Fw: Low Power Laptop  
Message-ID: <373D1C7F.2BA2970E@voyager.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

anyone know where we can find this "Power 2 Go"? Web address? Snail Mail?

73,  
Erv

-----

Date: Sat, 15 May 1999 17:49:19 +1000  
From: "Ian C. Purdie" <purdic@integritynet.com.au>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [40467] Amateur Radio Help section  
Message-ID: <373D26FF.BAD3C05F@integritynet.com.au>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi gang,

Please read to full length.

Alert readers will recall I recently asked permission to re-post difficult questions sent to my web site tutorial pages [www.integritynet.com.au/~purdic](http://www.integritynet.com.au/~purdic) (there were no dissenters, but many offers of help).

I have about 7 - 10 questions outstanding at the moment and I usually av about 2 a week (difficult - ones that I can't answer). Here's the first for the UK contingent. It's been bumped up the list because he has a teacher who is becoming aggro at his apparent lack of progress. While not exactly AR he need help. Maybe someone living nearby Reproduced in full - with senders permission to re-post:

Thanks for bandwidth and if you can help, please reply direct.

73's

Ian

Subject:  
radio  
Date:  
Fri, 07 May 1999 11:38:20 PDT  
From:  
"Peter Yandell" <yandelli@hotmail.com>  
To:  
purdic@integritynet.com.au

hi I am the school chairmen of the radio commity at oakham school in england  
you are a long way away but your the best help I have had in helping start  
this radio station. I need a large favour because our school is going to

fork out roughly 20,000 pounds and I am looking for what basically:  
one needs to start up a radio station, the basic essential equipment and price quotes.  
and also extras such as microphones etc.  
we are going to broadcast on AM and possibly use a cable or antenna system.

as you can see I haven't got much knowledge of radios so if you could send me all about starting a radio station and send photos of products and prices

thankyou very much  
dingle yandell  
e-mail:yandelli@hotmail.com

-----  
Date: Sat, 15 May 1999 04:05:57 -0700 (PDT)  
From: Stanley Wilson <microres@crl.com>  
To: qrp-l@Lehigh.EDU  
Subject: [40468] WTD: Source for SMT inductors  
Message-ID: <Pine.SUN.3.91.990515035725.11953B-100000@crl2.crl.com>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

With the micro sized mixers and IC's in both size and power requirements we are coming to the stage of building some really nice pocket size portable QRP radios.

However, I have not located a source for hi-Q inductors, RF transformers and IF filters that are SMT and micro. Does anyone know of a source ? On the web ? What about SMT crystals ?

de Stan AK0B  
microres@crl.com

-----  
Date: Sat, 15 May 1999 07:13:33 -0400  
From: "Brian J Keegan" <brimail@home.com>  
To: "QRP-L" <qrp-l@lehigh.edu>, "NJ-QRP" <NJQRP@NJQRP.ORG>  
Subject: [40469] April QRP Quarterly Arrives in NNJ!  
Message-ID: <000501be9ec3\$f98e0c80\$12960318@cc1016490-a.vron1.nj.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Got my April QRP Quarterly yesterday. Looks like another winning issue.

Thanks to all who contribute to and put this thing together for us. QRP Quarterly is truly one of THE best parts of being a QRPer.

Brian KF2HC

-----  
Date: Sat, 15 May 1999 08:11:52 EDT  
From: PDouglas12@aol.com  
To: qrp-1@lehigh.edu  
Subject: [40470] Good stuff at Dayton QRP Central  
Message-ID: <4b030318.246ebe88@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Gang,

I would like to announce the winners of the big prizes. First of all, L.B. Cebik has had a heckuva weekend. First, he won the Elecraft K2, donated generously by Elecraft, at the end of the FDI symposium at which L.B. gave a great talk about vertical antennas. And to top that off, he was inducted at the Banquet last night into the QRP Hall of Fame. Lots of congratulations from all, L.B!

Paul Harden NA5N was inducted. I was honored to be his presenter, and Jim Kortge K8IQY received the award for Paul. He will see Paul at Hamcomm, and make the delivery. Paul, thanks for giving me the privilege of being your presenter, and I can't think of a more deserving honoree.

And Dave Benson, NN1G, whose very call has become synonymous with QRP rigs of great popularity and merit was the third inductee. Dave, the owner of SWL, and the creator of a series of QRP club transceivers starting in the early 90's was honored for his contributions and generosity in the QRP art.

Recipients of major prizes at the banquet were:

Rich Kline, WB3BLM, won an SWL 40+ donated by Small Wonder Labs, Dave Benson.

Phil Carter, WD8QWR won a neat loop receiver kit donated by Jade Products Inc.

Hall of Fame member Rev. George Dobbs, G3RJV was surprised when he won a Ten

Tec 1330 30m transceiver donated by Ten Tec.

Douglas Farnsworth N4MPD won a full ARRL Design package with the book and software donated by the ARRL.

Toni Pallone KC8ASF won a BIG 50 watt solar panel donated by Sunlight Energy Systems/Mike Bryce.

And the grand prize was won by Joe McKinney, N40VC--he took home an SGC 2020 donated by SGC--and was last seen wearing a very big smile.

Apologies to all for mistakes in calls, name spelling above, if I made any. Jotting them down on the fly wasn't easy.

We are having fun; today is the big day for the Hamvention (Saturday), and we will tell you more when we get home, as time is very valuable here!

72,

Preston WJ2V

-----  
Date: Fri, 14 May 1999 17:18:03 -0700  
From: "Barbara Spencer" <barb@quadj.com>  
To: <kb8tnq@voyager.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [40471] RE: Fw: Low Power Laptop  
Message-ID: <006a01be9e68\$65e55bb0\$77796e80@zb61r.TCJC>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Gang,

I got my Power 2 Go at Frys Electronics, but I also found a Web Page and phone number. [http://www.gy.com/company/linksy\\_paeb.htm](http://www.gy.com/company/linksy_paeb.htm)  
714-261-1288.

It's a great piece of equipment.

Barbara , KK5QA

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

> J. Ervin Bates, W8ERV

> Sent: Saturday, May 15, 1999 12:05 AM

> To: Low Power Amateur Radio Discussion

> Subject: Re: Fw: Low Power Laptop

>

>  
> anyone know where we can find this "Power 2 Go"? Web address?  
> Snail Mail?  
>  
> 73,  
> Erv  
>  
>

-----  
Date: Sat, 15 May 1999 07:12:18 -0600  
From: "Steve/n0tu" <n0tu@webaccess.net>  
To: "QRP-L" <QRP-L@lehigh.edu>  
Subject: [40472] 80m Vertical?  
Message-ID: <00d501be9ed4\$93b635c0\$81a8a3cc@S&P.www.webaccess.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit  
Content-Transfer-Encoding: 8bit

Hi Gang,

Finally moved out of the barn. Now living in a real house again. It has been kit building on a different kind of scale. Still have couple of wires shorted in the wall and floor and I can not locate the short! (probably a dry wall screw!)

BUT my Question is more on antennnae.

I want to put up a 80m vertical. I've always imagined having a full size vertical for 80m and now is the time! I have 42' of the olive green signal corp 3' stacking aluminum tubes. on top I want to use my 21' black window to get a full 63" or so. I've been please with center or top loaded verlicals performance before so I'm thinking I should maybe center load this setup for 160m. But I don't want to compromise it's 80m performance. I also thought about pulling a wire off the top of the whip for a 160 inverted L. but could this mess up the 80m performance? And what material would you use between the mast and whip? How many turns on the 160m coil if centerloaded?

I drove a 8' ground rod into a hill top just east of the house. The site is not 'in the clear' but has good height and is 'less visible' (XYL). but I'm not real sure how to protect the vert with the ground rod .Suggestions? Ideas?

Thanks Gang!

(I know I should have gone to Dayton and heard LB speak. Hmmm, maybe staying in the barn would have allowed me alot more time for other activities! Someday I'll retire then I'll have more time!! heh)

TU & 72/73 ...Steve/n tu-Monument,CO  
<http://www.webaccess.net/~s&p/HRindex.htm>

-----  
Date: Sat, 15 May 1999 09:19:37 -0400  
From: mikemo@ibm.net  
To: wd4et@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [40473] Re: RS Nibbler -- Not  
Message-ID: <373D7469.7055150E@ibm.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

My radio shack nibbler, which is at least 6 years old, cuts a 7/32" x 3/32" chunk. It is a little small but seemed to work fine for the Desert Ratt I built last week. It sounds to me like 7/16" x 3/8" would be way too big for a pad. Almost 1/2" long???

Regards and 72  
Mike M. ku4qo

"Jeffrey L. L. Greer" wrote:

>  
> The Radio Shack nibbler is not the one they used to sell. The new model  
> is a much lighter duty unit. It takes a 5/16 x 1/8" cut.  
>  
> Sears sells one that appears to be equivalent to the older RS model. It  
> takes a 7/16 x 3/8" cut and should do the trick. Sears here in

-----  
Date: Sat, 15 May 1999 09:37:43 -0400  
From: mikemo@ibm.net  
To: waltk8cv@mpdr0.detroit.mi.ameritech.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [40474] Re: Pegasus bashers .....  
Message-ID: <373D78A7.39BB2D87@ibm.net>  
MIME-Version: 1.0



Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Sounds like a neat rig to me (base station). The computer is on anyway, so why not use it for control? Just think of all the cool functions they could add. I would like to see a "control head" that had tuning, volume, rit etc. on it so you could use your hands if you wanted to. Maybe plug it into a serial port.

-----  
Date: Sat, 15 May 1999 09:19:01 -0400  
From: "wayne reed" <wlreed@viaduct.custom.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [40475] Microprocessors imbedded in radios  
Message-ID: <00d101be9ed5\$80c6fde0\$4a4961ce@q7c8d5>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Seems like we are approaching the point where one could imbed an [inexpensive] pc in a small radio and do it with little more cost than a microprocessor. Then the trick is to find useful things for the monster to do. Perhaps it could translate your e-mail to CW?

Wayne, K9NE  
wlreed@custom.net

-----  
Date: Sat, 15 May 1999 09:41:27 -0500  
From: Chuck Adams <adams@ticnet.com>  
To: ki6ds@dpol.k12.ca.us  
Cc: qrp-l@lehigh.edu  
Subject: [40476] Re: HamCom Schedule  
Message-ID: <3.0.3.32.19990515094127.006896e0@pop3.ticnet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Doug et.al.,

Just to confuse the issue a bit. I received the official program printed up for HamCom. Here is what they show for Saturday, June 12, 1999 at HamCom.

Room M5,7 with capacity of 144 people

#### QRP Forum

9:00AM Home Construction and G-QRP --- Rev George Dobbs G3RJV

10:30AM NORCAL --- Doug Hendricks, KI6DS

11:30AM Morse Code Speed Test --- Chuck Adams, K5FO

12:00PM Solar Cycle and Propagation --- Paul Harden, NA5N

3:00PM In room M1 (capacity 72) Kit Manufacturers Presentations  
and open forum

Then later there will be the dinner and then the open house at the hotel.....

Just another note on HamCom. There will be fleamarket activities from 1PM until 9PM on Friday June 11th, so if you get into Dallas early on Friday be sure not to miss the bargains..... :-)

FYI

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo> CP-60

-----  
Date: Sat, 15 May 1999 10:41:51 -0400  
From: fred.devries@mindspring.com  
To: <qrp-1@lehigh.edu>  
Subject: [40477] General  
Message-ID: <000b01be9ee1\$25aede80\$e6078ad1@fred.devries>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

QRP friends,

Thank you all for encouraging me to try again soon for the general ticket I missed by one last week Saturday. I traveled to Grand Rapids, Michigan last evening and returned home with my Certificate of Successful of Completion of Examination for the General License.

Fred DeVries  
Kalamazoo Michigan

-----  
Date: Sat, 15 May 1999 07:56:31 -0700  
From: "Gary Ingram" <kb7fci@cdsnet.net>  
To: <fred.devries@mindspring.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [40478] Re: General  
Message-ID: <001b01be9ee3\$1f7cf400\$ec881ad0@GaryIngram>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Congratulations Fred

Gary Ingram  
Merlin, Oregon  
<http://home.cdsnet.net/~kb7fci/>

-----Original Message-----  
From: fred.devries@mindspring.com <fred.devries@mindspring.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Saturday, May 15, 1999 7:50 AM  
Subject: General

>QRP friends,  
>

>Thank you all for encouraging me to try again soon for the general ticket I  
>missed by one last week Saturday. I traveled to Grand Rapids, Michigan  
last  
>evening and returned home with my Certificate of Successful of Completion  
of  
>Examination for the General License.  
>  
>Fred DeVries  
>Kalamazoo Michigan  
>  
>  
>  
>  
>

-----  
Date: Sat, 15 May 1999 11:01:53 -0400  
From: Tom Palmer <n1tp@worldnet.att.net>  
To: fred.devries@mindspring.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [40479] Re: General  
Message-ID: <373D8C60.77E9F2F6@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Congratulations, Fred.

Keep going!

Nothing beats being an "Extra."

Tom, N1TP, Naples, Florida.  
QRP-L 1317.

"QRP-Lers can hear fleas whispering  
in Alaska."

fred.devries@mindspring.com wrote:

> QRP friends,  
>

> Thank you all for encouraging me to try again soon for the general ticket I  
> missed by one last week Saturday. I traveled to Grand Rapids, Michigan last  
> evening and returned home with my Certificate of Successful of Completion of  
> Examination for the General License.

>

> Fred DeVries

> Kalamazoo Michigan

-----  
Date: Sat, 15 May 1999 08:08:50 -0700

From: Jack Parker <Pparker@mail.greatbasin.net>

To: qrp-1@lehigh.EDU

Subject: [40480] FS

Message-ID: <3.0.1.32.19990515080850.00698d10@mail.greatbasin.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Have a few books for sale:

1) Introduction to RF Design (ARRL), Hayward, \$15.

2) 1997 ARRL Handbook, \$20.

3) Your Packet Companion (ARRL), Ford, \$5.

4) McGraw-Hill Circuit Encyclopedia, Vol. 2 (1994), Lenk, \$10.

5) Digital Design (Prentice-Hall, 1984), Mano, \$10.

6) Electronic Devices & Circuits, 2nd Ed. (Reston, 1980), Bell, \$10.

Items 4, 5 & 6 are hard-cover. Item 6 is a good theory text. All items  
postpaid (book rate) CONUS.

Thanks and

73,

Jack, W7PW

DM09  
  
-----

Date: Sat, 15 May 1999 10:08:16 -0500  
From: "Joe S" <joe@quadj.com>  
To: "Qrp-L" <qrp-l@Lehigh.EDU>  
Subject: [40481] Re: HamCom Schedule  
Message-ID: <013601be9ee4\$c36ec060\$06d132ce@joes>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Well, here is what I have (and it matches the HAMCOM paper Chuck mentioned).  
The programs for Chuck and Paul are those that they and I had discussed them  
giving earlier when we had to give the HAMCOM committee an input for the  
program. (Of course any program they wish to will be fine)

HAMCOM ARLINGTON TX 1999

=====

Friday

-----

The flea market will be open 1PM to 9PM on Friday

QRP tables(NORTEX, NORCAL, G-QRP) will be M1- M4

No Host Dinner at Bodacious Barbecue.

=====

Saturday

-----

The flea market will be open 7AM to 5PM on Saturday

QRP tables will be M1- M4

Saturday QRP Forums:

Room M5

9:00 - Welcome Joe Spencer KK5NA/Some Award Presentations

9:30 - George Dobbs, G3RJV - Home Construction and G-QRP Club

10:30 - Doug Hendricks, KI6DS - What kit to buy & why!

11:00 - Chuck Adams, K5FO - Morse Code Speed Test

11:30 - Paul Harden, NA5N - Solar Cycle and Propagation

1:30 - ??? Jay Bromley - W5JAY, Demo of Elecraft K2 out side in the flea  
market

3:00 - 4:00 QRP Forum - Room M1 (some kit manufactures/open forum)

5:00 - 7:00 Dinner on your own

7:00 - Midnight - QRP Open House in Conference Room B at the Courtyard  
Marriott Hotel in Arlington. NorCal Regen Building Contest Judging at 8:00

PM

=====  
Sunday  
-----

The flea market will be open 9AM to 2 PM on Sunday  
QRP tables will be M1- M4

=====  
72 Joe KK5NA  
-----

To run from your demon is to have him pursue you.  
It is better to meet him in his world, than to face him in yours!  
-----

HAMCOM 1999 Info Page <http://www.k5rac.org/HAMCOMinfo.htm>  
Visit the RACC QRP Home Page at <http://www.k5rac.org>  
Visit the FISTS Web page at <http://www.FISTS.org>  
Visit NORTEX QRP Home PAGE at <http://www.quadj.com/nortex.htm>

-----  
Date: Sat, 15 May 1999 12:23:32 -0400  
From: david fouchey <dafouchey@home.com>  
To: fred.devries@mindspring.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [40482] Re: General  
Message-ID: <373D9F84.3938BC61@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Way to go Fred! Look forward to hearing you on the air.

Dave  
WA4EMR  
Sterling Heights, Mi.

fred.devries@mindspring.com wrote:

>  
> QRP friends,  
>  
> Thank you all for encouraging me to try again soon for the general ticket I  
> missed by one last week Saturday. I traveled to Grand Rapids, Michigan last  
> evening and returned home with my Certificate of Successful of Completion of  
> Examination for the General License.  
>  
> Fred DeVries

> Kalamazoo Michigan

-----  
Date: Sat, 15 May 1999 11:01:41 -0500  
From: pierce@rice.edu (George F. Pierce)  
To: qrp-l@lehigh.edu  
Subject: [40483] Picnic Table DX  
Message-ID: <v01510100b36345902764@[128.42.176.220]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

A large number of circumstances led to a last minute decision to scrap my trip to Dayton. Hello to friends who are there. I'll see many of you at HamCom and I'll plan for Dayton 2000.

Saturday morning, 6:30 am and I am in great need of a Ham radio fix. Into the daypack goes the spool of wire, 20 Mtr gusher dipole, MFJ 971, a ball of nylon string, cut down spinning rod-n-reel, mini log, two camcorder batteries, and the much maligned SG-2020.

On the bicycle, down to the local park, dump the stuff on a good picnic table and attack the trees with the rod.

First was long wire into the trees into the MFJ with a counterpoise run along the ground. This resulted in RF getting into the 2020 and general poor results. Down with the long wire, up with the gusher, no tuner. 20 M lit up; herd cq from a JA1, called him, back he came with a 55. FUN !!!!!!!!

George F. Pierce III  
WA5ABS M0B0D  
Email: pierce@rice.edu

-----  
Date: Sat, 15 May 1999 17:05:38 +0000  
From: Goran Hosinsky <hosinsky@royac.iac.es>  
To: qrp-l@lehigh.edu  
Subject: [40484] RE: Microprocessors imbedded in radios  
Message-ID: <373DA962.75669DCA@royac.iac.es>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit



That would be a great thing! Then I could read my e-mails while driving to work!

Goran   ea8yu

> microprocessor. Then the trick is to find useful things for the monster to  
> do. Perhaps it could translate your e-mail to CW

-----  
Date: Sat, 15 May 1999 13:16:30 -0400  
From: "W. K. Hibbert" <wb2vuo@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [40485] NQ2RP/B moved  
Message-ID: <19990515.131631.-97633.0.wb2vuo@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

The Byron/Bergen AMateurS (B/BAMS) 10 Meter beacon, NQ2RP/B has moved.  
It is now in the Town of Riga, NY, near Churchville, NY/ The grid is  
FN13bb.

The gear is the same, a 2-stage TX at 125 mW (+21dBm) on 28.2873 MHz, but  
the antenna is now a sloping dipole. Reports are appreciated, and the  
club's Email address is in the ID.

For those of you who have to dig out the map to pinpoint the location,  
Churchville is 20 miles (32 KM) SW of Rochester, NY at the junction of  
NY-33 and NY-36. The beacon is 1.7 miles (2.7 KM) SW of the center of  
the village, and is co-sited with the KB2CHM/R repeater (443.1 Mhz, +5  
offset, no CTCSS)

I can receive reports here or over on the club Email account.

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp  
Trustee, NQ2RP/B 10 Mtr QRPp beacon (125 mW on 28.2873 MHz)  
"My night light runs more power than my Rig!!!"

-----  
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or call Juno at (800) 654-JUNO [654-5866]  
-----

Date: Sat, 15 May 1999 12:35:34 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: qrp-l@lehigh.edu  
Subject: [40486] 2N2/40 IF amp  
Message-ID: <199905151719.NAA04612@moose.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Howdy 2N2er's

Over the last week or so since I got the QRPp 2n2/40 issue, I've been poking at building the Rx portion on a pcb. I finally got it working late last night.

It fits on a 3 1/2" x 2 1/2" board, reasonably tight layout. Of course, I made a few minor changes from the original, used 10.7 Mhz IF xformers for the input filter, a SBL-1 for the DBDM and 2N5088 low noise transistors for the RF and IF amps. Resisted the temptation to use a lm386 audio amp and stuck to Jim's amp. To save time, I'm running it with one of the Mini DDS boards for the VFO.

Had a couple of problems with the IF amp. (had a couple problems of my own making, but no need to get into that :-)

I found the biasing on Q6 to be very sensitive to power supply voltage. A change in power supply voltage one volt one way or the other would move it from being saturated or off completely.

After much head scratching, I found a simple fix. I put a 1n4148 diode from the base of Q6 to ground (cathode to gnd) and changed the bias resistor R21 so there is about 1/2 the supply voltage on Q6's collector. I ended up with 6.8K. Now I can vary the supply from 8 V to 14 V and the IF amp stays biased linear.

The other problem is the IF amp has a bucket load of gain and was oscillating with the 820p cap across R23. 220p was the biggest I could go with out stability problems. Could be the layout, the different transistors, or the fact I wound T9 on a BN-43-2402 balun core. (T7 and T9 ended up fairly close to each other, so I used balun cores to reduce pick up between them)

Otherwise, everything worked great. I get the rated sensitivity of 0.2 uv's, it's so quiet you don't know its on until the antenna is connected. Okay, now I can play with it between catching up on the stuff I was really supposed to be doing last week!

72,  
Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----  
Date: Sat, 15 May 1999 12:35:33 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: qrp-l@lehigh.edu  
Subject: [40487] Re: Pegasus bashers .....  
Message-ID: <199905151719.NAA04622@moose.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Personally, I like the traditional "stand alone" radios, but can see the advantages to a PC controlled one.

One of the major costs of a radio is the front panel controls and display. A PC radio eliminates those costs, so the radio can be smaller and less expensive, or have a higher profit margin :-)

As Mike pointed out, many have a PC running anyway for logging or digital modes, so why not run the radio too? In fact, you can minimize the radio control panel and run other applications, then switch to the radio when you need a break.

I imagine you could run the radio as a remote via modum if you wanted to or network it. Does open up some possibilities.

I would like a remote front panel. I've often thought of making a little sloping panel box for the freq display, tuning, etc that would sit on the table next to the paddle and have the radio off in a corner.

72,  
Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----  
Date: Fri, 14 May 1999 23:04:20 -0700  
From: Thomas Kuehl <ac7a@uswest.net>  
To: n0tu@webaccess.net

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [40488] Re: 80m Vertical?  
Message-ID: <373D0E64.5F3C61CB@uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hello Steve:

There are a number of ways you could go with your 63 foot vertical and achieve both 160 and 80 meter operation. Sixty-three feet is a still a tad short of a full, quarter wave on 80 meters, and way short of what you need for 160 meters, but there are easy ways to attain resonance on both bands.

You have considered an Inverted-L for 160; it is a popular 160 antenna, and when used with a decent ground return gives a lot of bang for the buck. Since the Inverted-L is usually configured with a total length of a quarter wavelength, the current is highest at the base and then decreases along the length, following a cosine function. Therefore, the highest current magnitudes will occur along the 63 foot vertical portion, and the antenna will produce a predominantly vertically polarized wave. The current continues to decrease as we round the corner to the horizontal wire producing some, but a less predominant, horizontally polarized wave component.

Two things are necessary for maximum Inverted-L performance; a good ground return and maintaining the horizontal wire height. A ground rod, driven into ground at the base of the antenna, is not a good ground - unless the antenna resides directly over a salt water marsh. Almost always this necessitates installing a ground radial system, or a less

elaborate, but resonant, elevated radial system. See numerous QST articles, The ARRL handbook, or ARRL Antenna books for details.

The other issue is keeping the horizontal wire horizontal. If you slope the wire upwards, more of the radiated wave will be vertically polarized and the radiation resistance ( $R_r$ ) will increase. This is fine and almost always desirable. But, if you slope the wire downward, there will be some wave cancellation and the  $R_r$  will decrease. That isn't desirable from an efficiency standpoint. So if you can keep the wire flat, or slope it upwards, it will work to your favor.

The 63 foot wire will require something on the order of 70 to 80 feet to bring the antenna to resonance. It is difficult to give you an exact length because the earth characteristics, ground conductivity and dielectric constant, have a big influence on the antenna's resonant frequency. You will have to trim for resonance. Also, the ideal  $R_r$  will be around 18 or 19 ohms. Add to this the ground loss resistance ( $R_g$ ) and you will arrive at your feedpoint resistance ( $R_a$ ). You may, or may not, have to do some matching. It mostly depends on how high of an SWR your radios will tolerate.

As for 80 meters, I would simply run a quarter wave wire parallel to the 160 meter wire. Space it a foot or so from the vertical element and follow it up around the bend. That will require some homemade plastic spacers. If you prefer not to use this approach; might I suggest the "T" word (a Trap!). If you don't get carried away with a lossy, high inductance coil, the signal strength difference will be imperceptible at the

receiving end.

This is a convenient way to go. I use a set of 80 meter traps in my 160 to 20 meter vertical. The trap design I developed has served me well here in an arid climate, but ice may be an issue where you live.

If I may be so bold, I suggest seeing my two articles, published in the 1998 March and October issues of QST, on loaded vertical antennas. I touched on the ground issues in the March issue, and show my trap design in the October issue. These may give you some ideas.

Good luck with your antenna endeavors; antenna building and experimenting is a blast!

Regards, Thomas - AC7A

Steve/n0tu wrote:

> Hi Gang,  
>  
> Finally moved out of the barn. Now living in a real house again. It  
> has been kit building on a different kind of scale. Still have couple  
> of wires shorted in the wall and floor and I can not locate the short!  
> (probably a dry wall screw!)  
>  
> BUT my Question is more on antennnae.  
>  
> I want to put up a 80m vertical. I've always imagined having a full  
> size vertical for 80m and now is the time! I have 42' of the olive  
> green signal corp 3' stacking aluminum tubes. on top I want to use my  
> 21' black window to get a full 63" or so. I've been please with center  
> or top loaded verlicals performance before so I'm thinking I should  
> maybe center load this setup for 160m. But I don't want to compromise  
> it's 80m performance. I also thought about pulling a wire off the top  
> of the whip for a 160 inverted L. but could this mess up the 80m  
> performance? And what material would you use between the mast and  
> whip? How many turns on the 160m coil if centerloaded?  
>  
> I drove a 8' ground rod into a hill top just east of the house. The  
> site is not 'in the clear' but has good height and is 'less visible'  
> (XYL). but I'm not real sure how to protect the vert with the ground  
> rod .Suggestions? Ideas?  
>

> Thanks Gang!  
>  
> (I know I should have gone to Dayton and heard LB speak. Hmmmm, maybe  
> staying in the barn would have allowed me alot more time for other  
> activities! Someday I'll retire then I'll have more time!! heh)  
>  
> TU & 72/73 ...Steve/n tu-Monument,CO  
> <http://www.webaccess.net/~s&p/HRindex.htm>

-----  
Date: Sat, 15 May 1999 12:34:04 -0500  
From: Bob Liesenfeld <wb0poq@visi.com>  
To: qrp-l@lehigh.edu  
Subject: [40489] LM386 mods  
Message-ID: <373DB00C.9A906795@visi.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi gang,

Some tinme ago I recall a thread on ckt mods to increase the gain /  
decrease the hiss of an LM386 AF amp. Can someone point me to where I  
could review same?

Tnx es 72

Bob  
wb0poq@visi.com

-----  
Date: Sat, 15 May 1999 12:46:56 -0600  
From: Ray Colbert <af852@rgfn.epcc.edu>  
To: qrp-l@lehigh.edu  
Subject: [40490] Re: April QRP Quarterly Arrives in NNJ!  
Message-ID: <373DC120.C580E5C9@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Not yet to Far West Texas - hopefully the Pony Express will feed  
the burro and an appearance will be by Monday or Tuesday next.  
Anxiously awaiting its arrival

--

"Politicians are like nappies. Both should be  
changed regularly -- and for the same reason"  
"Scotsman - Scotsman's Diary 12/97"

-----  
Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2  
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

-----  
Date: Sat, 15 May 1999 11:55:40 -0700  
From: "Gary Ingram" <kb7fci@cdsnet.net>  
To: <wb0poq@visi.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [40491] Re: LM386 mods  
Message-ID: <002801be9f04\$88195640\$7b881ad0@GaryIngram>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Try : <http://www.homeusers.prestel.co.uk/g3ycc/hiss.htm>

Gary Ingram  
Merlin, Oregon  
<http://home.cdsnet.net/~kb7fci/>  
-----Original Message-----  
From: Bob Liesenfeld <wb0poq@visi.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Saturday, May 15, 1999 11:38 AM  
Subject: LM386 mods

>Hi gang,  
>  
> Some tinme ago I recall a thread on ckt mods to increase the gain /  
>decrease the hiss of an LM386 AF amp. Can someone point me to where I  
>could review same?  
>  
>Tnx es 72  
>  
>Bob  
>wb0poq@visi.com  
>  
>



-----  
Date: Sat, 15 May 1999 14:00:22 -0500 (CDT)  
From: ac5ez@webtv.net (Larry B)  
To: qrp-1@Lehigh.EDU  
Subject: [40492] ka5qyr  
Message-ID: <22631-373DC446-2260@postoffice-113.iap.bryant.webtv.net>  
Content-Disposition: Inline  
Content-Type: Text/Plain; Charset=US-ASCII  
Content-Transfer-Encoding: 7Bit  
MIME-Version: 1.0 (WebTV)  
Content-Transfer-Encoding: 7Bit

John  
Welcome to qrp-1 . Good to talk to you again on 40m  
K1zw

-----  
Date: Sat, 15 May 1999 02:20:28 -0500  
From: "Charles Hamel" <cdhamel@pdq.net>  
To: "QRP List" <qrp-1@Lehigh.EDU>  
Subject: [40493] RIT  
Message-ID: <004c01be9ea3\$6b38e060\$551b90d1@cdhamel>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi all

I was looking around on Small Wonder Labs Homepage yesterday, and saw they were offering a RIT kit for the SW+ series kits.

I am still listening around the Novice portion of 40 meters on my newly built SWL 40+, so far I hear alot of people in the evening, but no one hears me, I'm beginning to wonder if I am putting out a signal.  
I am using a folded dipole made with twinlead, and using a MFJ 971 tuner. I will try more!!

Charles (KC5DXQ)

-----  
Date: Sat, 15 May 1999 14:47:21 -0500 (CDT)  
From: ac5ez@webtv.net (Larry B)  
To: qrp-1@Lehigh.EDU  
Subject: [40494] Dx path projection  
Message-ID: <22634-373DCF49-535@postoffice-113.iap.bryant.webtv.net>  
Content-Disposition: Inline  
Content-Type: Text/Plain; Charset=US-ASCII  
Content-Transfer-Encoding: 7Bit  
MIME-Version: 1.0 (WebTV)  
Content-Transfer-Encoding: 7Bit

Does anyone have a web site for dx propagation path projections (midwest usa) ? Thanks  
K1ZW

-----  
Date: Sat, 15 May 1999 13:13:03 -0700  
From: Gary L Surrency <gsurrency@juno.com>  
To: kd1jv@moose.ncia.net  
Cc: qrp-1@Lehigh.EDU  
Subject: [40495] Re: 2N2/40 IF amp  
Message-ID: <19990515.131304.-4115111.0.gsurrency@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Steven Weber wrote:

>After much head scratching, I found a simple fix. I put a 1n4148  
>diode from the base of Q6 to ground (cathode to gnd) and changed the  
>bias resistor R21 so there is about 1/2 the supply voltage on Q6's  
>collector. I ended up with 6.8K. Now I can vary the supply from 8 V  
>to 14 V and the IF amp stays biased linear.

This is a good way to stabilize an amplifier stage from supply voltage variations.

S&S Engineering uses this method in the TAC-1's and ARK30 I own, but a 1K resistor is used between the transistor's base and the diode's anode. The cathode goes to ground, of course. Although all of the amplifier stages in the S&S gear are common emitter or common collector stages, you get the basic idea.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

-----  
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or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Sat, 15 May 1999 16:37:28 -0400  
From: "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [40496] Re: April QRP Quarterly Arrives in Meecheeegun!  
Message-ID: <373DDB08.16A8C34C@voyager.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Well, it arrived in the Great Lakes today and, as usual, a veritable  
plethora of useful information was packed neatly between the pages. Well  
done to all who made it possible and I have to get my renewal in the mail  
so I don't miss out on July's issue.

Hope Dayton was good to one and all.

72,  
Erv, W8ERV

-----  
Date: Sat, 15 May 1999 21:02:41 +0100  
From: Larry Cahoon <wd3p@juno.com>  
To: gdslagel@yahoo.com, qrp-l@Lehigh.EDU  
Subject: [40497] Re: SST-40 R5 tuning range mod  
Message-ID: <19990515.210242.4414.0.wd3p@juno.com>

After hearing of the R5 mod for the SST-20, I had to try it for the  
SST-20. The range on my SST-20 was just fine in my book. But for the  
SST-40 with both diodes in the rig I was did not cover 7.038.6 to  
7.040.4. Not at all satisfactory. I never got around to doing any of the  
other mods to open up the range. Mostly because I did not really want to  
change it that much.

The original mod put in a 10K resistor in parallel with R5 to bring R5

down to about 9K. I didn't want to open up the range as far as that did for the SST-20. Also I did not want to get into any problems. So I first tried replacing R5 with a 47K resistor. That did not succeed in covering the hole. So then I went down to a 33K resistor. That solved the problem. Checked the power out and it is rock solid stable across the entire range with either diode in the circuit. I think I'm good to go.

#### The Numbers

100K 7.030.7 - 7.038.6    and    7.040.4 - 7.043.3  
47K 7.030.6 - 7.038.8    and    7.039.1 - 7.043.6  
33 K    7.030.3 - 7.039.1    and    7.038.5 - 7.043.6

Back to fun on the air, 73/72 de Larry.....WD3P in MD.

-----  
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or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Sat, 15 May 1999 18:17:26 -0400  
From: "Greg Heath" <KB2QQM@email.msn.com>  
To: "QRP-L (SENDING ? TO QRP-L)" <qrp-l@Lehigh.edu>  
Subject: [40498] 40-9'er questions  
Message-ID: <0c2aa4318220f59CPIMSSMTPU10@email.msn.com>

I have a forty niner, and I lost the instructions(bad dog!)  
. I am adding a new case, along with a tick keyer. The tick keyer says you can use 3 to 5 volts or 12 volts on the input. My dilemma is, can I run the tick and 40'9er off of 12 volts, or should I use 2 separate power sources. One for the keyer 3 volts(i.e....a 3v watch battery) and one for the 40'9er with a 9volt battery. Any ideas or anywhere on the net I can go for notes about the 40'9er??  
thanks in advance. Greg

-----  
Date: Sat, 15 May 1999 17:09:20 -0700  
From: w4bws@juno.com  
To: ampruss@hits.net  
Cc: qrp-l@Lehigh.EDU  
Subject: [40499] Re: LED night light?

Message-ID: <19990515.181348.-132381.1.w4bws@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I use a red light in my dark room and I can see very well.  
therefore I put red filters,plastic film, over my "nitelites"  
on the operating desk and in the emergency/protable  
equip case. They really do work well and reduce eye strain.  
Don Sanders W4BWS  
694 E. Eau Gallie Blvd  
Satellite Beach ,FL 32937  
My favorite QRP rig glows in the dark  
w4bws@juno.com

-----  
Date: Sat, 15 May 1999 17:30:10 -0700  
From: w4bws@juno.com  
To: w1hue@amsat.org  
Cc: qrp-1@Lehigh.EDU  
Subject: [40500] Re: Such is "Progress" ... :-(  
Message-ID: <19990515.181348.-132381.2.w4bws@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

On Fri, 14 May 1999 16:06:07 -0600 Larry East <w1hue@amsat.org> writes:  
>At 03:01 PM 5/14/99 -0700, an unnamed individual wrote:  
>maybe we need a ham radio with a computer in it that  
>will hide the software and operate more like a radio.

Will the mouse double as a keyer paddle too?  
Who will be the first to claim QRP DXCC mouse keyer -  
I guess with a three key mouse the center can be a straight key.  
Don Sanders W4BWS  
694 E. Eau Gallie Blvd  
Satellite Beach ,FL 32937  
My favorite QRP rig glows in the dark

-----  
Date: Sat, 15 May 1999 17:35:07 -0700  
From: w4bws@juno.com

To: waltk8cv@mpdr0.detroit.mi.ameritech.net  
Cc: qrp-1@Lehigh.EDU  
Subject: [40501] Re: Pegasus bashers .....  
Message-ID: <19990515.181348.-132381.3.w4bws@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Who will be the first to review it for QRP Quarterly or QRPP?

On Sat, 15 May 1999 01:03:33 +0100 "Walter D. Amos"  
<waltk8cv@mpdr0.detroit.mi.ameritech.net> writes:  
>Folks .....  
>  
>I, for one, would be willing to give it a try! Can they put MORE  
>radio in the box for less money this way? I sure hope so.  
>The price sounds reasonable.  
    -snip-  
> Lets all wait for the review in QSTREET, yes, that's  
>what we all ought to do!  
>  
>Walt K8CV  
>

Don Sanders W4BWS  
694 E. Eau Gallie Blvd  
Satellite Beach ,FL 32937  
My favorite QRP rig glows in the dark

-----  
Date: Sat, 15 May 1999 22:45:18 +0100  
From: Peter Larsen <larsenp@cadvision.com>  
To: w4bws@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [40502] Re: Such is "Progress" ... :-(  
Message-ID: <373DEAEE.23E498A1@cadvision.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

w4bws@juno.com wrote:  
>  
> Will the mouse double as a keyer paddle too?

This has been done many times. Best choice is an ergonomic mouse.

--

73 es have fun  
Peter  
VE6YC D021wc

-----  
Artificial intelligence is no match for natural stupidity.  
-----

-----  
Date: Sat, 15 May 1999 19:00:43 -0400  
From: "Richard Brummer" <obvious@bestweb.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.edu>  
Subject: [40503] Re: Such is "Progress" ... :-(  
Message-ID: <00d001be9f26\$c3c69e60\$9f05b3d8@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

>When I can't do that anymore, guess I'll either take up golf or die...

Well, I wasn't going to say anything, except for a subsequent post, but is there something wrong with playing golf? I guess this isn't QRP, 'cause my rounds are usually around a hundred, so.....

73,  
Dick K2REB

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End of QRP-L Digest 1458  
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